
CONTACT INFORMATION	Department of Agricultural and Consumer Economics University of Illinois at Urbana-Champaign 314 Mumford Hall Urbana, IL 61801	hopecm@illinois.edu website
CURRENT APPOINTMENTS	2020 - Associate Professor, University of Illinois at Urbana-Champaign 2020 - External Faculty, Northwestern University Institute on Complex Systems (NICO) 2020 - Associate, Harris School of Public Policy, University of Chicago 2015 - Non-Resident Fellow, The Chicago Council on Global Affairs	
PREVIOUS APPOINTMENTS	2014 - 2020 Assistant Professor, University of Illinois at Urbana-Champaign 2011 - 2013 Post-Doctoral Fellow, Columbia University Earth Institute	
EDITORIAL POSITIONS	2020 - Associate Editor, <i>American Journal of Agricultural Economics</i> 2021 - Area Editor, <i>Journal of the Agricultural and Applied Economics Association</i> 2021 - Editorial Board, <i>European Review of Agricultural Economics</i> 2019 - 2020 Editorial Advisory Board, UN FAO SOCO 2020	
EDUCATION	2010 Ph.D, Applied Economics, Cornell University 2004 M.S., Agricultural Economics, University of Illinois Urbana-Champaign 2001 B.A. (magna cum laude), History and English Literature, Georgetown University	
RESEARCH AREAS	Development Economics, Agricultural Economics, Global Value Chains, Contract Farming, Food Security, Poverty Dynamics	
PUBLICATIONS	Cardell, L. and H. Michelson (2022). "Price risk and staple grain storage decisions: new insights into a long-standing puzzle". <i>American Journal of Agricultural Economics</i> .	
	A. Harou, M. Madajewicz, H. Michelson, C. Palm, C. Magomba, K. Tschirt, J. Semoka, N. Amuri, and R. Weil (2022). "The joint effects of information and financing constraints on technology adoption: evidence from a field experiment in rural Tanzania". <i>Journal of Development Economics</i> , 155, 102707.	
	N.M. Lee, L. Varshney, H. Michelson, P. Goldsmith, A. Davis (2022). "Digital trust substitution technologies to support smallholder livelihoods in Sub-Saharan Africa". <i>Global Food Security</i> , 32, 100604.	
	E. Meemken, C. Barrett, H. Michelson, M. Qaim, T. Reardon, and J. Sellare (2021). "Sustainability standards in global agrifood supply chains" <i>Nature Food</i> , 2 (10), 758-765.	
	V. Nourani, A. Maertens, A., and H. Michelson (2021). "Public good provision and democracy: Evidence from an experiment with farmer groups in Malawi." <i>World Development</i> , 145, 105507.	
	H. Michelson, A. Fairbairn, A. Maertens, B. Ellison and V. Manyong (2021). "Misperceived Quality: Fertilizer in Tanzania." <i>Journal of Development Economics</i> , 148, 102579.	
	Y. Zhou, K. Baylis, E. Lentz, H. Michelson (2021). "Machine learning for food security: Principles for transparency and usability." <i>Applied Economics Perspectives and Policy</i> (2), 893-910.	

- A. Maertens, H. Michelson and V. Nourani (2020). “How do Farmers Learn from Extension Services? Evidence from Malawi.” *American Journal of Agricultural Economics*, 103(2): 569–595.
- L. Phadera, H. Michelson, P. Goldsmith, and A. Winter-Nelson (2019). “Do Asset Transfers Build Household Development Resilience?” *Journal of Development Economics*, 138, 205–227.
- K. Krah, H. Michelson, E. Perge and R. Jindal (2019). “Constraints to Soil Fertility Management Adoption: A Choice Experiment Approach.” *World Development*, 124, 104651.
- E. Lentz, H. Michelson, K. Baylis, and Y. Zhou (2019). “A Data-Driven Approach Improves Food Insecurity Crisis Prediction” *World Development*, 122, 399–409.
- A. Ham and H. Michelson (2018), “Does exposure to demand or supply-side incentives in conditional cash transfer programs matter in the long-run?” *Journal of Development Economics*, 134, 96–108.
- H. Michelson and K. Tully (2018). “The Millennium Villages Project and Local Land Values: Using Hedonic Pricing Methods to Evaluate Development Projects.” *World Development*, 101, 377–387.
- H. Michelson (2017). “Effects of Neighbor Experience and Exit on Small Farmer Market Participation in Nicaragua.” *American Journal of Agricultural Economics*, 99 (4), 952–970.
- K. Kaffle, H. Michelson, and A. Winter-Nelson (2018). “His, Hers, or Ours: Impacts of a Training and Asset Transfer Programme on Intra-Household Decision-Making in Zambia.” *The Journal of Development Studies*, 1–9.
- H. Michelson, X. Chang, S. Boucher, J. Bai, X. Jia and J. Huang (2017). “Connecting Supermarkets and Farms: The Role of Intermediaries in Walmart China’s Fresh Produce Supply Chains.” *Renewable Agriculture and Food Systems*, 1–13.
- H. Michelson (2017). “Variable Soils, Variable Fertilizer Quality, and Variable Prospects.” *Tropical Conservation Science*, 10, 1–4.
- T. Songsermsawas, K. Baylis, A. Chhatre, and H. Michelson (2016). “Can Peers Improve Agricultural Revenue?” *World Development*, 83, 163–178.
- H. Michelson, M. Muniz, K. DeRosa (2013). “Measuring Poverty in the Millennium Villages: The Impact of Asset Index Choice.” *Journal of Development Studies*, 49 (7), 917–935.
- H. Michelson (2013). “Small farmers, NGOs, and a Walmart World: Welfare effects of supermarkets operating in Nicaragua.” *American Journal of Agricultural Economics*, 95 (3), 628–649.
- H. Michelson, E. Lentz, R. Mulwa, M. Morey, L. Cramer, M. McGlinchy, C. Barrett (2012). “Cash, food, or vouchers? An application of the Market Information and Food Insecurity Response Analysis framework in urban and rural Kenya.” *Food Security*, 4(3),455–469.
- C.B. Barrett, M. Bachke, M. Bellemare, H. Michelson, S. Narayanan and T. F. Walker (2012). “Smallholder Participation in Contract Farming: Comparative Evidence From Five Countries.” *World Development*, 40(4), 715–730.
- H. Michelson, F. Perez and T. Reardon (2012). “Small Farmers and Big Retail: Trade-offs of Supplying Supermarkets in Nicaragua.” *World Development*, 40(2), 342–354.
- D. Just and H. Michelson (2007). “Wealth as Welfare: Are Wealth Thresholds Behind Persistent

Poverty?” *Review of Agricultural Economics*, 29(3), 419–426.

ARTICLES IN
REVIEW

Michelson, H., S. Gourlay, P. Wollburg, “Non-labor inputs and small farmers: best practices for measuring quality, quantity, and timing.” *revise and resubmit, Food Policy*

Berazneva J., A. Maertens, H. Michelson, “Private Contributions for Public Information: Soil Testing in Malawi”. [Pre-analysis plan](#) *revise and resubmit, Journal of Development Economics*

Hoel, J., H. Michelson, B. Norton, “Misattribution and uncertainty about beliefs prevent learning.” *revise and resubmit, American Journal of Agricultural Economics*

Lee., N. M., L. Varshney, H. Michelson, P. Goldsmith, A. Davis, “Can blockchain reduce the risk of land grabbing? A proposal for virtual land aggregation to increase agricultural productivity in Sub-Saharan Africa”. *in review*

Tamim, A., A. Harou, M. Burke, D. Lobell, M. Madajewicz, C. Magomba, H. Michelson, J. Xue, “Relaxing Information and Credit Constraints: Five-Year Experimental Evidence from Tanzanian Agriculture”. *in review*

Abay, K., G.T. Abate, C. Barrett, H. Michelson, J. Stevenson, T. Wossen, “Inferential and behavioral implications of measurement error in agricultural data in Africa”. *in review*

WORKING PAPERS

K. Krah, A. Maertens, W. Mhango, H. Michelson and V. Nourani, “Village fairness norms and land rental markets.” *in preparation*

Michelson, H., A. Maertens, C. Magomba, “Correcting False Beliefs: Fertilizer in Tanzania”. Draft, April 2022.

Christian, P., B. Dillon, E. Lentz, H. Michelson, D. Smith, and J. Upton, “Food Security with High Frequency Data: New Insights” Draft, November 2021.

Lentz, E., K. Baylis, C. Kim, H. Michelson, “Food Security Indicator Discordance: Implications for Food Aid Targeting”. Draft, January 2022.

OTHER WRITING

Agricultural Technology Adoption in Africa, VoxDevLit Review (2022). *Co-editor. Editors:* Tavneet Suri and Chris Udry; *co-editors:* Jenny C. Aker, Chris Barrett, Lauren Falcao Bergquist, Thomas Jayne, Jeremy Magruder, Meredith Startz, Emilia Tjernstrom

Harou, A., M. Madajewicz, H. Michelson, C. Palm, N. Amuri, C. Magomba, J. M. Semoka, R. Weil (2021), “[MRR Innovation Lab Evidence Insight: Increaseing Maize Yields With Soil Testing and Subsidies in Tanzania.](#)” – drafted with A. Russell, AMA CRSP Lab.

H. Michelson (2020), “[Innovative business models for small farmer inclusion. Background paper for The State of Agricultural Commodity Markets \(SOCO\).](#)”. Rome, FAO.

Harou, A., M. Madajewicz, H. Michelson, C. Palm, N. Amuri, C. Magomba, J. M. Semoka, R. Weil (2020) “[Increasing Maize Yields with Soil Testing and Subsidies in Tanzania.](#)” *USAID Basis Policy Brief* – drafted with A. Russell, AMA CRSP Lab.

Maertens, A., W. Mhango, H. Michelson (2020) “[Strengthening soil management practices and access to markets among smallholder farmers in Malawi.](#)” *3IE Impact Evaluation Brief.*

H. Michelson, C. Palm, J. Semoka, and A. Rose (2017), “Targeted Soil Recommendations May Improve Smallholder Productivity in Tanzania.” *USAID Basis Policy Brief*.

H. Michelson (2016), “Small Farmers, Big Retailers: Are New Sourcing Strategies a Path to Inclusion?” The Chicago Council on Global Affairs Research Brief.

EXTERNAL GRANTS	University of Chicago	\$120,000	2022-2026	
	CIMMYT	\$70,000	2022-2024	
	IFPRI South Asia	\$20,000	2020	
	J-PAL ATAI	\$10,000	2020	
	DFID PEDL	\$46,000	2017-2018	
	International Initiative for Impact Evaluation (3IE)	\$750,000	2014-2018	
	USAID BASIS Assets and Market Access	\$800,000	2014-2017	
	Walmart Foundation	\$750,000	2014-2017	
	NASA LCLUC	\$320,000	2013-2016	
INTERNAL GRANTS	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
	Center for Digital Agriculture	\$40,000	2019-2020	
	NCSA Faculty Fellowship	\$20,000	2019-2020	
	Illinois ACES Office of International Programs	\$7,000	2017-2018	
	Division of Nutritional Sciences	\$10,000	2015-2016	
	Illinois Campus Research Board Research Award	\$29,900	2015-2016	
	Illinois ACES Office of International Programs	\$20,000	2015-2016	
	COLUMBIA UNIVERSITY			
	Columbia Cross Cutting Initiative	\$35,000	2013-2015	
	Columbia Cross Cutting Initiative	\$35,000	2011-2012	
	FELLOWSHIPS AND ACADEMIC AWARDS	AAEA Africa Section Best Publication of 2021 Award, second place		2021
		University of Illinois Campus Distinguished Promotion Award		2020
		National Center for Supercomputing Applications UIUC Faculty Fellow		2019–2020
Arnold O. Beckman University of Illinois Campus Research Board Award			2015	
Columbia University Earth Institute Postdoctoral Fellowship			2011, 2012	
AAEA Outstanding Dissertation – Honorable Mention			2011	
Social Science Research Council International Dissertation Research Fellowship			2007	
AAEA Chester O. McCorkle Fellowship			2007	
Cornell University Latin American Studies Travel Grant			2007	
National Security Education Program Boren Graduate Fellowship			2002	
TEACHING AWARDS	Hughs Teaching Enhancement Award in Agricultural and Consumer Economics		2016	
	Professor of the Year, ACE Graduate Student Organization		2016, 2020	
INVITED PRESENTATIONS	2023: ASSA invited discussant (scheduled), Wageningen University (scheduled), ETH Zurich (scheduled)			
	2022: Oregon State University (Corvallis, OR), University of Minnesota Trade and Development Seminar (Saint Paul, Minn), CEMA Annual Meeting (Chicago, IL), Chicago Council on Global			

Affairs Council Conversations (Chicago, IL)

2021: AAEA Workshop - Handbook of Agricultural Economics, Volume 6, discussant (online), UC Davis International Agricultural Development graduate program (online), Michigan State University (East Lansing, MI), Invited Discussant, CGIAR Program on Policies, Institutions and Markets (online)

2020: Online Agricultural and Resource Economics Seminar (OARES), Northwestern Institute on Complex Systems (NICO) (online), AAEA* (Kansas City, MO), FAO* (Rome), IFAD* (Rome), Northwestern IPA Measurement Meeting* (Evanston, IL; panel participant)

* *COVID-19 cancellations*

2019: World Bank DIME (Washington, DC), Northwestern IPA Measurement Meeting (Evanston, IL; panel participant), IITA (Dar es Salaam, TZ), IFPRI AMD (Washington, DC)

2018: AAEA (Washington, DC), NEUDC (Ithaca, New York)

2017: CSAE (Oxford, England), International Food Security at Illinois Symposium (Urbana, IL), AAEA (Chicago, IL), World Bank ABCA Conference (Berkeley, CA), USAID Agrilinks Webinar, Purdue University (West Lafayette, IN)

2016: Chicago Council on Global Affairs (Chicago, IL), UIUC REAL seminar (Urbana, IL), Agricultural and Applied Economics Association (Boston, MA), University of Wisconsin-Madison

2015: International Food Security at Illinois Symposium (Urbana, IL), Midwest International Economic Development Conference (Madison, WI), University of San Luis Potosi (San Luis Potosi, Mexico), Conference on Nutrition, Health and Gender in Sub-Saharan Africa (Urbana, IL)

2007–2013: American Economic Association Annual Meeting (Chicago, IL), Catholic Relief Services (Nairobi); Midwest International Economic Development Conference; Economics and Management of Risk in Agriculture and Natural Resources Conference, USAID BASIS Technical Committee Meeting (Davis, CA), Columbia University Sustainable Development Seminar Series Department of Agricultural and Consumer Economics, University of Illinois; School of Foreign Service, Georgetown University; Department of Applied Economics, University of Minnesota, Agricultural and Applied Economics Association, Columbia University Seminars

PROFESSIONAL SERVICE

Invited advisory positions

FAO consultant: study for assessment of accuracy of IPC classifications 2022-2023

IPA consultancy to support evidence review on human capital for FAO, 2022

IFPRI Advisory Committee for Agricultural Midstream Study, 2022-2023

CIMMYT Seed Systems Study Technical Advisor, 2022-2023

Substantive Expert, 3IE Review of Agricultural Output Market Deepening Advisory Group, 2022

Technical Advisory Group, World Bank 50x2030 Soil Sessions, 2021

Research Advisory Group, Commercial Agriculture for Smallholders and Agribusiness, 2020

Referee for *Agribusiness: an International Journal*, *Agricultural Economics*, *Agricultural Finance Review*, *Agriculture and Human Values*, *American Economic Journal: Applied Economics*, *American Journal of Agricultural Economics*, *Applied Economic Perspectives and Policy*, *Canadian Journal of Agricultural Economics*, *Cities*, *The Economic Journal*, *Economics Bulletin*, *European Review of Agricultural Economics*, *Food Policy*, *Global Environmental Change*, *Food Security*, *Global Food Security*, *Journal of Agricultural and Applied Economics*, *Journal of Agricultural and Resource Economics*, *Journal of Development Economics*, *Journal of Development Studies*, *Journal of International Development*, *Journal of Population Ageing*, *Journal of Rural and Community Development*, *Nature Communications*, *Nature Human Behavior*, *Nature Food*, *Oxford*

Development Studies, PLOS ONE, Rapid Reviews: COVID-19 (RR:C19), World Development

Reviewer for Palgrave Macmillan, The National Science Foundation Methodology, Measurement, and Statistics Program, National Science Foundation Trans-Atlantic Platform Recovery, Renewal, and Resilience in a Post-Pandemic World (T-AP RRR), MRR Innovation Lab and ICED ALL-IN Initiative, LSIL Phase II Technical Evaluation Panel (TEP), NIFA NNF program, The Swiss National Science Foundation, USAID FEWS NET Technical Support Contract Resilience Project, The Netherlands Organization for Scientific Research (NWO) and the Dutch Ministry of Foreign Affairs, BSF (United States-Israel Binational Science Foundation), Danish Ministry of Foreign Affairs, Global Center for Food Systems Innovation Grants, IFPRI/USAID Pakistan Strategy Support Program, IFPRI Publications Review, International Programs in Agriculture (IPIA), Committee, MWIEDC Conference Submissions (2020, 2021, 2022), *Case Studies in Food Policy for Developing Countries Volume I* (Cornell University Press, 2009)

AAEA service

International Section Best Paper Awards Committee, 2022

AAEA Quality of Research Award Committee, 2022

Topic Leader, AAEA Annual Conference, International Development Sessions 2014, 2019-2020

Reviewer, AAEA Annual Meetings, 2011, 2012, 2014, 2018, 2019 (International and I/O and Supply chains)

Mentor, AAEA Mentorship Africa Section Program, 2019

UNIVERSITY SERVICE

University of Illinois

Center for African Studies Library Committee, 2020-2021

Campus Research Board, peer reviewer, 2017

College Service

Member, Hiring committee for ACE department head, 2022

Member, International Programs Policy and Advisory Committee, 2019-2020

Division of Nutritional Sciences Awards Committee, 2019

Reviewer for Division of Nutritional Sciences Vision 20/20 grants, 2017

Department Service

Chair, DFAC, 2021–

Member, ACE Promotions and Tenure committee, 2022–

Chair, ACE ACE hiring committee, consumer behavior position, 2022-2023

Member, Graduate Admissions Committee, 2020-2021, 2021-2022

Member, Hiring committee for sustainable agriculture tenure track search, 2022

Member, DFAC, 2017-2019

Member, Grievance Committee, ACE Department, 2015-2016

Member, Second-year PhD paper review committee, 2016, 2017, 2018, 2019, 2020, 2021, 2022

Member, Hiring committee for ACE Academic Counselor position, 2016

Member, Graduate Programs Committee (GPC), ACE Department, 2016-2018

Co-Chair, ACE Departmental Seminar Committee, 2015-2017

Co-organizer, IFSI Big Data and Food Security Workshop, 2016

POPULAR PRESS AND BLOG POSTS

Fortune Magazine

[How A.I. technologies could help resolve food insecurity](#) (2022)

VoxDev Talks Podcast

[Do asset transfers build household resilience?](#) (2022)

World Bank Development Impact Blog

[Devil in the details: measuring agricultural input quality Part 1](#) (2021)

[Devil in the details: measuring agricultural input quality Part 2](#) (2021)

- Global Development Blog
[Land markets, social norms, and prospects for agricultural development](#) (2021)
- BBC World Service
[Newsday](#)(starts at 44:15) (2020)
- Agri-pulse Chicago Council on Global Affairs monthly column
[“Resilient” food system built on systemic vulnerabilities](#) (2020)
- VoxDev
[Misperceived quality: Fertiliser in Tanzania](#) (2018)
- International Initiative for Impact Evaluation (3IE) Evidence Matters Blog
[Bringing research down to earth.](#) (2018)
- Borgen Magazine
[A Promising New Study for the Fertilizer Industry in Tanzania.](#) (2018)
- The Chicago Council on Global Affairs Global Food For Thought Blog
[New Council Report Exploring Retail-led Transformations of Agricultural Markets.](#) (2016)
- University of Illinois Policy Matters Blog
[Small Farm Input Subsidies and Child Health – Evidence from Malawi.](#) (2015)
[Can peers help improve crop revenues in villages in India?](#) (2015)
[“You Quit?” – Small Farmer Contracting and the Importance of Dropout.](#) (2015)
[Crushing on Cash.](#) (2014)
[Policy brief – food aid and small farmer subsidies.](#) (2014)
- Oxford University Press Blog
[What happens when Walmart comes to Nicaragua?](#) (2013)
- Columbia Earth Institute Blog
[Postdoc Crosses Disciplines to Put Theory to Practice.](#) (2013)

COURSES TAUGHT

ACE 251: The World Food Economy
 ACE 435: International Agribusiness Management
 ACE 557 & 559: Food, Poverty and Development
 ACE 592: Sustainable Supply Chain Management in Agri-Food Systems

AFFILIATIONS

J-PAL ATAI, 2020–
 Women and Gender in Global Perspectives, University of Illinois, 2014–
 International Food Security at Illinois, University of Illinois, 2014–

STUDENT
 COMMITTEES
 (DEGREE YEAR;
 POST-UIUC
 POSITION)

Current Students, UIUC ACE
 Madison Levine* (PhD)
 Inder Majumdar* (MS)
 Alix Naugler* (MS)
 Ferdous Pabon* (PhD)
 Mrignyani Sehgal* (PhD)

Hanna Willwerth* (MS)

Protensia Hadunka (MS/PhD)

Gowthami Venkateswaran (MS/PhD)

Graduated Students, UIUC ACE

Lila Cardell* (PhD 2021; USDA ERS)

Anna Fairbairn*^a ^γ (MS 2017; One Acre Fund)

Loredana Horezeanu* (MS 2016; Analyst, Statistics for Sustainable Development)

Kwabena Krah* (PhD 2021; Center for Global Development post-doctoral fellow)

Benjamin Norton*^{aδ} (MS 2020; PhD student AEM Cornell)

Patrese Anderson (PhD 2021; Post-doc UCSB)

Hyeran Chung (PhD 2022; Post-doctoral researcher, University of Minnesota)

Cory Castanada (MS 2017)

Kierstin Ekstrom (MS 2022)

Ivan Flores (MS 2020; UIUC ACE PhD)

Simin Gao (MS 2016; Reserve Bank of Australia)

Aolin Gong (PhD 2022; Medical School)

Angela Hamann (MS 2016; PhD student in applied economics at UIUC)

Alexandra Hill (MS 2014; PhD student in applied economics at UC, Davis)

Aparna Howlader (PhD; Post-doc Princeton University)

Margaret Jodlowski (MS 2014; PhD student in applied economics at Cornell University)

Kashi Kafle (PhD 2016; Research Analyst at IFAD Rome)

Akito Kamei (PhD 2021; Post-doc University of Chicago)

Elizabeth Kim (PhD 2020; US FDA)

Adam Kurczewski (MS 2020; U.S. Census Bureau)

Tess Lallemand (MS 2020; PhD student AEM Cornell)

Edward Martey (PhD 2019; UIUC Soybean Innovation Lab Researcher)

Marshaun Montgomery (MS; manager IDinsight)

Seth Morgan (MS 2017; PhD student in applied economics at Duke)

Joseph Murray (MS)

Lokendra Phadera (PhD 2018; World Bank)

Pallavi Shukla (PhD 2019; post-doc Johns Hopkins University)

Aditya Shrinivas (PhD 2019; post-doc Cornell University)

Tisorn Songsermsawas (PhD 2015; Research Analyst at IFAD Rome)

Courtney Tamimie (MS 2017; Program Manager, UIUC Soybean Innovation Lab)

Marin Thompson (MS 2016; PhD student in applied economics at University of Wisconsin)

Armand Tossou (PhD 2021; Investment Banking)

Li Zhe (MS 2022)

Yujun Zhou (PhD 2020; Facebook)

Graduated Students, Non-ACE UIUC

Shah-Al Emran (PhD Crop Sciences 2021)

Ahmad Gamal (PhD Urban Planning 2016; Assistant Professor, Universitas Indonesia)

Nicole Lee (PhD Crop Sciences 2022; CNFA)

Kelsey Schreiber (MS ABE 2019; AgReach)

Marshal White (MS Crop Sciences 2020)

Ann-Perry Witmer (PhD ABE 2018)

* student for whom I serve as advisor or co-advisor

^a Won UIUC ACE Departmental Master's Thesis of the Year Award

^δ Won American Agricultural Economics Association Outstanding Master's Thesis Award

^γ Won ACES Young Humanitarian Award